Student Projects

Please send your comments, suggestions and proposals to
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Plan of presentation

We are keen to increase industrial collaboration
both locally and more widely

1. What is a dissertation project?
2. How many do we run?
3. Why should you participate?
4. What is involved?
5. Deeper collaboration

What is a dissertation project?

¡ A major piece of individual work
  § MSc:
    ▪ One third of entire degree
    ▪ Can be a team project, provided individual contributions are clearly identified
  § Third Year Undergraduate:
    ▪ Core computing students:
      ▪ 60 credits (half of entire year)
    ▪ Dual students (e.g. maths duals):
      ▪ 20 credits

How many do we run? (05/2012 to 05/2013)

We expect to run up to
• 110 MSc projects
• 120 third year projects
• around 15-20 of these will be externally based

We also run other projects
• Software Hut
• Darwin, Genesys
• MAXI

Why participate?

¡ Strategic advantage
  § Extremely bright students
  § Initial survey is built-in
  § Innovation as standard
  § Opportunities to experiment
  § Building links with key researchers
¡ Wider contribution
  § Helping to provide educational opportunities
  § Training the next generation of thinkers
¡ A great personal experience
  § Enthusiastic team members
  § Sharing the load

What is involved?

¡ **Students are not normally paid for project work, but it would be useful if you could e.g. provide them with a reference**
¡ **You will be expected to provide relevant supervision and to cover imposed costs**

This is a credit-bearing academic project, and certain tasks must be undertaken for credits to be awarded. In particular, the student must be allowed time at the start of the project to undertake a detailed literature/technology survey. They will use this to refine and analyse the project requirements.

How to get involved

¡ Send in your project proposal(s)
  § They need to be challenging and interesting
  § Take note of timescales involved – projects can't usually be completed quickly
  § They should involve an element of research
  § Theoretical projects are possible
  § Most projects involve the specification and construction of a significant piece of software
¡ Projects can only proceed if chosen by a student and a local supervisor
¡ We can help you structure them

Caveats

¡ Am I guaranteed a student?
¡ Is the student guaranteed to be brilliant?

No. We can't predict which students (if any) will request your project.

What about IPR?

The University owns IPR in work undertaken in academic modules
• It's possible to negotiate with the University (this takes time, and involves a separate department, so you need to plan ahead)
• It's often possible to treat work as open source

Deeper collaboration

• We are keen researchers, tied into national and international research networks
• We cover a wide variety of relevant topics

Many of our students are interested in placements
• year in industry
• vacations
• employment

We are keen to increase industrial collaboration

Let's talk!

Third Year and MSc Projects
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